

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| S1 | 2 | "20020105567" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 09:14 |
| S2 | 801 | 347/20.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 09:07 |
| S3 | 2823 | 347/68-72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 09:07 |
| S4 | 5 | ("2002/0105567").URPN. | USPAT | OR | OFF | 2005/03/08 09:12 |
| S5 | 1 | 2002-666596.NRAN. | DERWENT | OR | OFF | 2005/03/08 09:13 |
| S6 | 4331 | (pressure with chamber) same ((dimension\$2 geometr\$2) with (length width depth height)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 09:44 |
| S7 | 58 | S3 and S6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 09:16 |
| S8 | 2 | ("5194298" "5734395").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/08 09:34 |
| S9 | 5988 | (pressure with chamber) near8 (depth height thick\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 12:22 |
| S10 | 339 | S3 and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 10:46 |
| S11 | 47 | S10 and velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 10:46 |
| S12 | 65664 | (pressure with chamber) same (depth height thick\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 12:22 |
| S13 | 18511 | (pressure with chamber) with (depth height thick\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 14:44 |

EAST Search History

| | | | | | | |
|-----|-------|--|---|----|-----|------------------|
| S14 | 2823 | 347/68-72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 13:10 |
| S15 | 481 | S13 and S14 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 12:22 |
| S16 | 80 | S15 and velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 12:22 |
| S17 | 36 | S16 and ("45"\$2 ".mu.m") | USPAT | OR | OFF | 2005/03/08 12:39 |
| S18 | 2938 | 347/68-73.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 13:10 |
| S19 | 481 | S13 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:25 |
| S20 | 15173 | (drive adj frequency) (drive adj voltage) | USPAT | OR | OFF | 2005/03/08 14:22 |
| S21 | 42 | S19 and S20 | USPAT | OR | OFF | 2005/03/08 14:21 |
| S22 | 7391 | (frequency) and (drive adj voltage) | USPAT | OR | OFF | 2005/03/08 14:22 |
| S23 | 22 | S19 and S22 | USPAT | OR | OFF | 2005/03/08 14:23 |
| S24 | 1427 | (pressure with chamber) with (length and width) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 14:45 |
| S25 | 142 | S19 and S24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 14:44 |
| S26 | 1121 | (pressure with chamber) with (length same width) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 14:45 |
| S27 | 1046 | (pressure with chamber) with (length with width) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/08 14:45 |
| S28 | 105 | S19 and S27 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 07:40 |
| S29 | 35984 | (driv\$3 with frequency) same (driv\$3 with voltage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 07:42 |

EAST Search History

| | | | | | | |
|-----|-------|--|---|----|-----|------------------|
| S30 | 18511 | (pressure with chamber) with (depth height thick\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 07:41 |
| S31 | 2938 | 347/68-73.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 07:41 |
| S32 | 481 | S30 and S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 07:41 |
| S33 | 31 | S29 and S32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 07:43 |
| S34 | 1 | "6193345".pn. | USPAT | OR | OFF | 2005/03/09 10:22 |
| S35 | 35984 | (driv\$3 with frequency) same (driv\$3 with voltage) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:25 |
| S36 | 35984 | S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:25 |
| S37 | 18511 | (pressure with chamber) with (depth height thick\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:44 |
| S38 | 18511 | S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:26 |
| S39 | 90 | S35 and S37 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:26 |
| S40 | 4685 | ink with velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:27 |
| S41 | 60513 | "347"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:27 |
| S42 | 2353 | S40 and S41 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:27 |

EAST Search History

| | | | | | | |
|-----|--------|---|---|----|-----|------------------|
| S43 | 105 | S37 and S42 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:30 |
| S44 | 110 | frequency with (ink with eject\$3) with velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:31 |
| S45 | 87 | S41 and S44 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:31 |
| S46 | 65664 | (pressure with chamber) same (depth height thick\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:45 |
| S47 | 1409 | S41 and S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:45 |
| S48 | 630710 | high with frequency• | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 10:45 |
| S49 | 263 | S47 and S48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 11:03 |
| S50 | 81 | S49 and velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/09 11:03 |
| S51 | 10 | ("6019458").URPN. | USPAT | OR | OFF | 2005/03/09 11:10 |
| S52 | 6 | ("4312008" "5265315" "5396042" "5534900" "5754205" "5896150").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/09 11:10 |
| S53 | 2 | "20040080585" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 08:38 |
| S54 | 834 | 347/71,72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:13 |
| S55 | 17332 | pressure near4 depth | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:22 |

EAST Search History

| | | | | | | |
|-----|--------|---------------------|---|----|----|------------------|
| S56 | 29 | S54 and S55 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:00 |
| S57 | 1083 | 347/71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:22 |
| S58 | 540 | 347/72 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:15 |
| S59 | 1217 | S57 S58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:23 |
| S60 | 460360 | "30" near5 "50" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:21 |
| S61 | 1204 | S55 and S60 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:21 |
| S62 | 1 | S57 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:22 |
| S63 | 1 | S58 and S61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:22 |
| S64 | 48706 | pressure with depth | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:28 |
| S65 | 108 | S57 and S64 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:23 |
| S66 | 108 | S59 and S64 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:27 |
| S67 | 184 | 347/68-72 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:27 |

EAST Search History

| | | | | | | |
|-----|-------|---|---|----|----|------------------|
| S68 | 3009 | 347/68-72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:30 |
| S69 | 863 | (pressure with depth) same ((ink liquid fluid) with velocity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:30 |
| S70 | 4 | S68 and S69 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:28 |
| S71 | 64198 | "347"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:30 |
| S72 | 3224 | (pressure with depth) and ((ink liquid fluid) with velocity) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:38 |
| S73 | 7 | S69 and S71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:31 |
| S74 | 73 | S72 and S71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:31 |
| S75 | 4880 | (velocity with (height depth)) same pressure | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:39 |
| S76 | 29 | S71 and S75 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 09:39 |
| S77 | 19772 | (pressure with chamber) with (depth height thick\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 10:30 |
| S78 | 3116 | 347/68-72.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 10:28 |
| S79 | 616 | S77 and S78 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 10:28 |

EAST Search History

| | | | | | | |
|-----|-------|---|---|----|-----|------------------|
| S80 | 111 | S79 and velocity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 10:28 |
| S81 | 40 | S80 and ("45"\$2 ".mu.m") | USPAT | OR | OFF | 2006/04/04 10:28 |
| S82 | 0 | S80 and (" ".mu.m") | USPAT | OR | OFF | 2006/04/04 10:29 |
| S83 | 1 | S80 and (\$3".mu.m") | USPAT | OR | OFF | 2006/04/04 10:29 |
| S84 | 2 | S80 and (\$3".mu.m") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/04/04 10:30 |
| S85 | 4162 | (pressure with chamber) with (depth) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 08:01 |
| S86 | 65655 | "347"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 10:31 |
| S87 | 274 | S85 and S86 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/04 10:31 |
| S88 | 511 | ((pressure with chamber) with (depth)) same (velocity speed) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 08:09 |
| S89 | 65655 | "347"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 08:01 |
| S90 | 38761 | "14" and S89 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 08:02 |
| S91 | 20 | S88 and S89 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 08:06 |
| S92 | 18 | "35-45" and S89 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 08:06 |
| S93 | 29 | (US-20040080585-\$ or US-20020175974-\$ or US-20020163565-\$).did. or (US-5734395-\$ or US-4549191-\$ or US-6412926-\$ or US-6019458-\$ or US-4367480-\$ or US-6217158-\$ or US-4825227-\$ or US-5508726-\$ or US-5657063-\$ or US-6457818-\$ or US-5684520-\$ or US-5856837-\$ or US-4730197-\$ or US-5087930-\$ or US-5610643-\$ or US-6682178-\$ or US-5428382-\$ or US-5748214-\$ or US-5790156-\$ or US-6447107-\$ or US-5956059-\$ or US-4514742-\$ or US-6193345-\$ or US-6382754-\$ or US-6074033-\$).did. or (JP-04047946-\$).did. | US-PGPUB; USPAT; JPO | OR | ON | 2006/04/05 08:08 |

EAST Search History

| | | | | | | |
|-----|----|--------------------------------|---|----|----|------------------|
| S94 | 23 | (velocity speed) and S93 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 08:32 |
| S95 | 26 | (velocity speed depth) and S93 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 08:09 |
| S96 | 2 | "6682178".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 08:23 |
| S97 | 1 | (velocity speed) and S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 08:49 |
| S98 | 2 | "20020105567" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/04/05 08:49 |